

# Dr. Thomas Catalano, Ph.D

Governor of  
Classic & Quantum  
Mechanics

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**Dr. Thomas Catalano**

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[github.com/tomsnode](https://github.com/tomsnode)

[www.conceptsllearningmachine.com](http://www.conceptsllearningmachine.com)

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## myManifest

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For the continuous betterment of education by growing academia and industry with proven data and practices forthwith scientific and engineering works such as formulating the true calculated Speed of Light ( $c = 0$ ) and communicated the result to the IUPAC.

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## Industry

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### **github.com/conceptsllearningmachine -** (STEM)

2013-Present day / the Universe

What started as the standard descriptor as a "computer" software repository to the total embodiment of ethics, (STEM) and systems development and engineering with proven information and procurement of data in file formats for secure storage and redistribution.

### **conceptsllearningmachine LLC. -**

Classic & Quantum Mechanics Engineer

August 2019-Present day / Denver, CO

Science and engineering with ethical algorithmic processes & procedures.

- The working utility invention Natural Human WaveLength & Impedance Meter/Visual Recognition Medical Instrument I engineered and built, submitted a white paper to the U.S Army Research Laboratory(ARL).

### **ALTUSNET LLC. -**

Computer Scientist & Engineer

November 2017-November 2018 / Lincoln Park, NJ

Systems architecture extenuating by software and algorithmic processes.

- Engineered and built Toke Core the working hyperprotovisor systems software running the Bitcoin p2p network, confirming and reporting to the U.S. Federal Trade Commission at [antitrust@ftc.gov](mailto:antitrust@ftc.gov) the illegitimacy of cryptocurrency and inefficiency of "blockchain" as a hashing log verifier, "hyperledger".

## **Catalano Concepts LLC. -**

**Nuclear & Aerospace Engineer**

July 1986-Present day / West Orange, NJ

- First and only to achieve Nuclear Fusion by implicitly engineering and building the working utility invention Nuclear Fusion Reactor and a working Fusion Reactionary Engine, reported to the U.S. National Aeronautical & Space Agency(NASA) for geo-satellite concatenation of scientific proofs.
- Engineered and partially built the working utility invention Full-Spatial Median-Free Liquid and Photonic Bit Transfer Module System 276,480-bit Computational Processor and submitted a drafted technical manual to the U.S. National Security Agency(NSA).
- Reported engineering flaw to U.S. Naval Research Laboratory(NRL) on LIDAR sub-system for the F-23 joint strike fighter jet aircraft while conducting its flight operations.

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## **Academic**

**MIT-Cambridge, MA**

**Princeton University-Princeton, NJ**

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**Knowledge base learning-**The accumulation since AD 1986 AD in seeming the course study material that embodies Science & Engineering set when I chose my first books that have stayed with me my entire life.

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## **Committees**

**IUPAC member**

**IEEE member**

**ACS member**

**ACM member**

**Sequesterer to ICJ-CIJ on required certification and licensing for; Classic & Quantum Mechanics and all its governing bodies.**

**Member author for the;  
Publication of the American Society for  
Gravitational and Space Research**